

PATENT ABSTRACTS OF JAPAN

(11) Publication number : 2000-107486

(43) Date of publication of application : 18. 04. 2000

(51) Int. Cl.

D06F 35/00

(21) Application number : 10-294679

(71) Applicant : KAO CORP

(22) Date of filing : 02. 10. 1998

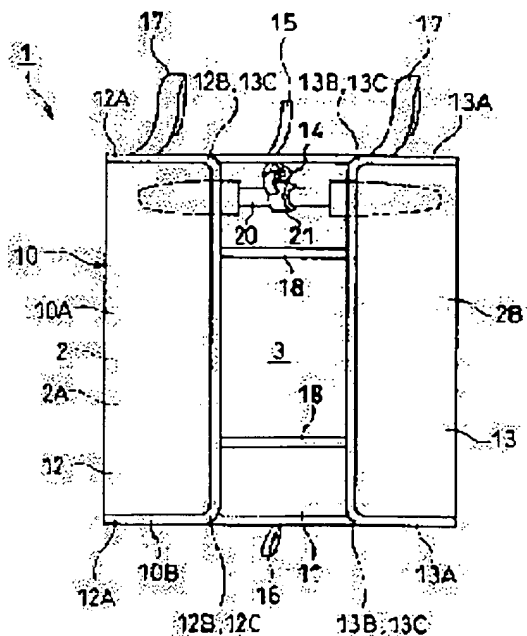
(72) Inventor : SAEGUSA KATSUMI

(54) AUXILIARY TOOL FOR WASHING

(57) Abstract:

PROBLEM TO BE SOLVED: To surely prevent coming out of a laundry during washing by forming an auxiliary tool for washing, wherein containing parts for containing the laundry and a putting in/out opening part for putting the laundry in and out are arranged, by using a water-permeable sheet, and hanging an elastic connecting part across both edge parts of the right and left containing parts which are arranged either side of the putting in/out opening part.

SOLUTION: A laundry is hung on a hanger 20 and inserted from a putting in/out opening part 3 of a water-permeable sheet 10 in a bag-shaped containing parts 2 (2A and 2B) between a first water-permeable sheet 11 and second and third water-permeable sheets 12 and 13. The hanger 20 is locked with a ring 14 of the water-permeable sheet 10 and the setting is completed. Next, it is rolled by making a lower edge as a center in a state wherein the water-permeable sheet 10 and the laundry are overlaid, and rubber bands 17 are wound around the periphery for retaining a roll-shape body. The roll-shape body is fed into a washing machine for water-washing. After the water-washing, the roll-shape body is pulled out from the washing machine and the rubber bands are removed. The water-permeable sheet 10 is spread and a hanging ring 15 is hung on a washing-line pole or the like for drying.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted]

registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against
examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998, 2003 Japan Patent Office

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] An auxiliary implement for wash which is an auxiliary implement for wash which forms the hold section which holds the washing, and the entrance section which takes the washing in and out with a water flow sheet, and prepared the elastic splice section over which it built among both edges of the hold section of right and left which sandwich the entrance section of a water flow sheet.

[Translation done.]

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] This invention relates to the auxiliary implement for wash.

[0002]

[Description of the Prior Art] In order to prevent mold collapse of the washing washed in cold water with a washing machine etc., the saccate wash network is used. The conventional wash network was equipped with the fastener which closes the entrance section of the washing, and while the washing washes, it has prevented escaping from and coming out out of a network.

[0003] However, it is difficult for what equips the entrance section of a wash network with a fastener to make a fastener open and close quickly, without biting the washing, and a fastener causes cost increase of a wash network.

[0004] Then, it is possible by making the entrance section of a saccate network small to prevent the ejection of clothing from the inside of a network during wash, without using a fastener. However, if the entrance section is made small, it will be hard coming to carry out receipts and payments of the washing into a network. Moreover, only by rolling clothing in a network, it is easy to become mold collapse of clothing, and a cleaning agent may not spread even round the interior of a network.

[0005]

[Problem(s) to be Solved by the Invention] The technical problem of this invention is in the auxiliary implement for wash to improve [preventing the ejection of the washing under wash, and] the detergency inside a network, enabling receipts and payments of the washing simply.

[0006]

[Means for Solving the Problem] This invention according to claim 1 prepares the elastic splice section over which is the auxiliary implement for wash which forms the hold section which holds the washing, and the entrance section which takes the washing in and out with a water flow sheet, and it built among both edges of the hold section of right and left which sandwich the entrance section of a water flow sheet.

[0007]

[Embodiment of the Invention] The auxiliary implement 1 for wash is equipped with the saccate hold section 2 whose hold of the washing is enabled, and the entrance section 3 whose receipts and payments of the washing are enabled at this saccate hold section 2 with the water flow sheet 10, as shown in drawing 1.

[0008] The water flow sheet 10 consists of burster-trimmer-stacker-feature section 10 made of cloth B which can be expanded and contracted and which was sewn on the rim section of double-width network 10 made of synthetic resin A which can be expanded and contracted by flexibility, and this network 10A as shown in drawing 2 at this time. The water flow sheet 10 is turned up on both sides of a longitudinal direction, and is using each of the 1st water flow sheet 11 and the both-sides section as the 2nd and 3rd water flow sheet 12 and 13 for the center section. and the water flow sheet 10 -- the 1st water flow sheet

11 and the 2nd water flow sheet 12 -- ****, while forming saccate hold section 2A which sews up vertical edges (burster-trimmer-stacker-feature section 10B) as suture section 12A, and is inserted into these 1st water flow sheet 11 and the 2nd water flow sheet 12 Saccate hold section 2B which sews up vertical edges (burster-trimmer-stacker-feature section 10B) as suture section 13A, and is inserted into these 1st water flow sheet 11 and the 3rd water flow sheet 13 is formed. the 1st water flow sheet 11 and the 3rd water flow sheet 13 -- **** -- Let the field inserted into the side edge section (burster-trimmer-stacker-feature section 10B) which the 2nd water flow sheet 12 and the 3rd water flow sheet 13 face be the entrance section 3.

[0009] If it is in the auxiliary implement 1 for wash, it has built over the elastic splice material 18 made of rubber between both the edges that sandwich the entrance section 3 of the water flow sheet 10, i.e., the side edge section of the 2nd water flow sheet 12, (burster-trimmer-stacker-feature section 10B), and the side edge section (burster-trimmer-stacker-feature section 10B) of the 3rd water flow sheet 13. Two or more [the elastic splice material 18, 1, or] are sufficient, and it fluctuates in the example of drawing 1 . It carried out to two.

[0010] Wash using the above-mentioned auxiliary implement 1 for wash is carried out as the following. (1) The washing is hung on a hanger 20, insert this washing in the saccate hold section 2 (2A, 2B) between the 1st water flow sheet 11 and the 2nd and 3rd water flow sheets 12 and 13 from the entrance section 3 of the water flow sheet 10, stop a hanger 20 to the ring 14 of the water flow sheet 10, and end the set of the washing by this.

[0011] (2) Where the water flow sheet 10 and the washing are piled up, wind in the shape of a roll focusing on the margo-inferior section, and twist the rubber band 17 around the perimeter of this roll-like object.

[0012] (3) Feed into a washing machine the roll-like object of the water flow sheet 10 and the washing with which the rubber band 17 was twisted, and wash it in cold water.

[0013] (4) Remove drawing and its roll-like object to the rubber band 17 for the roll-like object of the water flow sheet 10 and the washing from a washing machine after washing in cold water. The water flow sheet 10 is opened and hung and it dries by supplying a ring 15 to a clothespole etc.

[0014] Therefore, according to this operation gestalt, there are the following operations.

** Without slipping out of the entrance section 3, while the washing washes since it has built over the elastic splice material 18 among both the edges that sandwich the entrance section 3 of the water flow sheet 10, a cleaning agent spreads to the interior of a network, and detergency improves.

[0015] ** It faces taking the washing in and out of the saccate hold section 2 of the water flow sheet 10, and since the elastic splice material 18 can be lengthened and the entrance section 3 of the water flow sheet 10 can be extended, the washing can be taken in and out simply.

[0016] ** Network of one sheet 10A (water flow sheet 10) is turned up on crosswise both sides, the 1st water flow sheet 11, the 2nd water flow sheet 12, and the 3rd water flow sheet 13 are formed, while components mark can reduce cost few as compared with what carries out sewing of the network of two or more sheets, there is little deformation by sewing and quality is stabilized.

[0017]

[Effect of the Invention] As mentioned above, according to this invention, in the auxiliary implement for wash, prevention of the ejection of the washing under wash is enabled and the detergency inside a network can be improved, enabling receipts and payments of the washing simply.

[Translation done.]

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] Drawing 1 is the mimetic diagram showing 1 operation gestalt of the auxiliary implement for wash.

[Drawing 2] Drawing 2 is the mimetic diagram showing a water flow sheet.

[Description of Notations]

1 Auxiliary Implement for Wash

2, 2A, 2B Saccate hold section

3 Entrance Section

10 Water Flow Sheet

18 Elastic Splice Material

[Translation done.]

Japan Patent Office is not responsible for any damages caused by the use of this translation.

- ## DRAWINGS

FIG. 1 is a schematic cross-sectional view of a multi-battery pack assembly. The assembly includes three battery cells (10, 12, 13) arranged in a vertical stack. Each cell has a top terminal (17) and a bottom terminal (11). The cells are connected in series by a central bus bar (14) and side bus bars (15, 16). A dashed line (1) indicates a cross-section through the assembly. Other labels include 10A, 10B, 12A, 12B, 12C, 13A, 13B, 13C, 18, 20, 21, and 2B.

[Translation done.]